

Energy Information Administration
Washington, DC

Weekly Coal Production

Production for Week Ended:
April 29, 1989



Preface

The *Weekly Coal Production (WCP)* provides weekly production estimates of U.S. coal by State, as well as supplementary data which are usually published twice a month. This week we are introducing a new supplement which we refer to as the Coal Exports and Imports Supplement. This supplement replaces the old Supplement 1. Supplement 2 contains detailed monthly data covering electric utility coal consumption, stocks, and receipts (quantity and price).

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as

specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution Report*, the *Quarterly Coal Report*, *Coal Production 1987*, and *Coal Data: A Reference*.

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Summary

U.S. coal production in the week ended April 29, 1989, as estimated by the Energy Information Administration, remained nearly the same as the previous week at 19 million short tons. Production totaled 11 million short tons in states east of the Mississippi and 7 million short tons in states west of the Mississippi.

This report contains coal production by month for 1988, which reflects revised fourth quarter coal production data, as well as data on U.S. coal and coke exports and imports for January 1989 and on coal production for the month of April 1989.

The new coal export tables list countries that received more than 50,000 short tons of coal from the United

States in 1988. The coal import tables list all countries that export to the United States. The average prices shown for coal exports and imports are considered to be representative prices and account for at least 90 percent of both total coal exports and total coal imports.

The range of prices used to determine the average prices to be included in these tables is listed in the footnotes of the individual tables. The explanatory note in the January - March 1989 *Quarterly Coal Report* will contain a more detailed description of the methodology used to generate the coal export and import price tables.

Figure 1. Coal Production

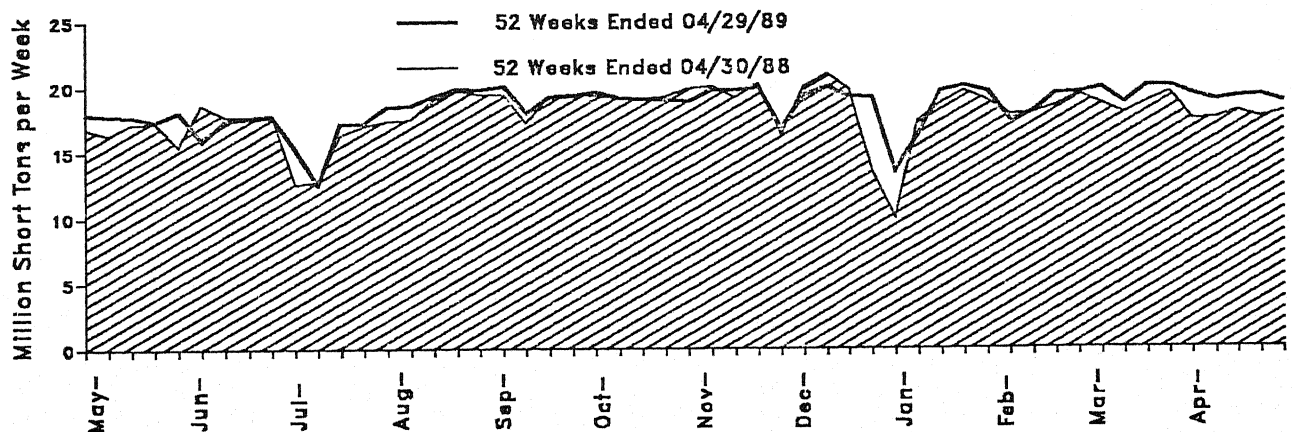


Table 1. Coal Production

Production and Carloadings	Week Ended			52 Weeks Ended		
	04/29/89	04/22/89	04/30/88	04/29/89	04/30/88	Percent Change
Production (Thousand Short Tons)						
Bituminous ¹ and Lignite	18,667	19,149	17,890	957,520	929,802	3.0
Pennsylvania Anthracite	62	70	67	3,447	3,622	-4.8
U.S. Total	18,730	19,219	17,957	960,967	933,424	3.0
Railroad Cars Loaded	124,863	128,045	121,738	6,352,844	5,997,390	

¹ Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

Table 2. Coal Production by State
(Thousand Short Tons)

Region and State	Week Ended		
	04/29/89	04/22/89	04/30/88
Bituminous Coal¹ and Lignite			
East of the Mississippi	11,309	11,852	11,153
Alabama	573	589	531
Illinois	1,111	1,241	1,106
Indiana	650	598	622
Kentucky	2,987	3,055	3,047
Kentucky, Eastern	2,210	2,261	2,262
Kentucky, Western	777	794	785
Maryland	70	70	63
Ohio	611	657	625
Pennsylvania Bituminous	1,404	1,501	1,462
Tennessee	124	139	123
Virginia	957	1,065	929
West Virginia	2,823	2,937	2,646
West of the Mississippi	7,358	7,297	6,737
Alaska	27	28	27
Arizona	251	258	231
Arkansas	4	4	4
Colorado	426	362	287
Iowa	6	6	7
Kansas	10	10	10
Louisiana	66	74	59
Missouri	71	73	75
Montana	708	668	663
New Mexico	518	472	366
North Dakota	597	556	512
Oklahoma	51	48	39
Texas	1,069	1,096	1,045
Utah	318	315	316
Washington	94	97	111
Wyoming	3,143	3,231	2,986
Bituminous ¹ and Lignite Total	18,667	19,149	17,890
Pennsylvania Anthracite	62	70	67
U.S. Total	18,730	19,219	17,957

¹ Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

Table 3. Coal Production by State: April 1989
(Thousand Short Tons)

Region and State	April 1989	March 1989	April 1988	Year to Date		
				1989	1988	Percent Change
Bituminous Coal ¹ and Lignite						
East of the Mississippi	47,058	55,943	45,687	201,756	191,827	5.2
Alabama	2,372	2,797	2,111	10,062	8,521	18.1
Illinois	4,857	5,783	4,712	20,633	19,650	5.0
Indiana	2,490	2,761	2,547	9,845	10,010	-1.6
Kentucky	12,265	15,264	12,813	55,098	53,166	3.6
Kentucky, Eastern	9,076	11,296	9,523	40,773	39,240	3.9
Kentucky, Western	3,189	3,969	3,290	14,326	13,926	2.9
Maryland	284	373	268	1,331	1,225	8.7
Ohio	2,575	2,897	2,542	10,552	10,964	-3.8
Pennsylvania Bituminous	5,886	7,150	5,471	25,146	23,111	8.8
Tennessee	533	621	491	2,260	1,978	14.3
Virginia	4,104	4,939	3,743	17,858	15,874	12.5
West Virginia	11,693	13,358	10,990	48,970	47,327	3.5
West of the Mississippi	30,155	32,802	29,638	120,810	119,523	1.1
Alaska	112	148	115	521	528	-1.5
Arizona	1,038	1,063	968	3,976	3,644	9.1
Arkansas	15	8	17	37	35	6.1
Colorado	1,664	1,651	1,317	6,134	4,871	25.9
Iowa	25	28	30	105	123	-14.3
Kansas	41	52	42	234	422	-44.6
Louisiana	267	237	257	952	940	1.3
Missouri	294	348	318	1,262	1,279	-1.3
Montana	2,809	3,067	2,942	11,304	13,461	-16.0
New Mexico	2,005	1,875	1,553	7,065	7,082	-2
North Dakota	2,350	2,579	2,229	9,464	9,718	-2.6
Oklahoma	206	240	170	868	895	-3.1
Texas	4,405	5,147	4,493	18,629	17,741	5.0
Utah	1,341	1,671	1,441	5,862	6,419	-8.7
Washington	391	499	466	1,771	1,829	-3.2
Wyoming	13,194	14,190	13,279	52,627	50,536	4.1
Bituminous ¹ and Lignite Total	77,213	88,745	75,324	322,566	311,349	3.6
Pennsylvania Anthracite	270	279	265	1,016	1,026	-1.0
U.S. Total	77,483	89,025	75,589	323,582	312,376	3.6

¹ Also includes subbituminous coal.

Note: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

Table 4. Coal Production by State: January - June, 1988
(Thousand Short Tons)

Region and State	January	February	March	April	May	June	January - June
Bituminous Coal¹ and Lignite							
East of the Mississippi	47,737	46,908	51,494	45,687	46,253	46,332	284,412
Alabama	2,163	2,094	2,152	2,111	2,116	2,215	12,852
Illinois	4,691	4,884	5,363	4,712	4,666	4,597	28,913
Indiana	2,293	2,426	2,745	2,547	2,493	2,539	15,042
Kentucky	13,138	13,045	14,170	12,813	12,303	12,776	78,245
Kentucky, Eastern	9,641	9,623	10,453	9,523	9,134	9,486	57,860
Kentucky, Western	3,497	3,422	3,717	3,290	3,169	3,290	20,385
Maryland	332	300	325	268	256	260	1,742
Ohio	2,822	2,716	2,884	2,542	2,626	2,618	16,207
Pennsylvania Bituminous	5,760	5,649	6,231	5,471	6,323	6,078	35,512
Tennessee	495	481	511	491	491	522	2,991
Virginia	3,860	4,008	4,263	3,743	3,716	3,940	23,531
West Virginia	12,183	11,304	12,849	10,990	11,264	10,786	69,377
West of the Mississippi	27,587	29,849	32,449	29,638	27,728	30,111	177,361
Alaska	131	136	146	115	112	116	756
Arizona	850	883	943	968	941	988	5,572
Arkansas	6	6	7	17	16	16	68
Colorado	1,174	1,198	1,182	1,317	1,143	1,395	7,409
Iowa	29	30	34	30	28	29	179
Kansas	117	123	140	42	40	41	503
Louisiana	232	215	236	257	298	268	1,505
Missouri	300	310	350	318	305	319	1,904
Montana	3,444	3,450	3,625	2,942	2,855	2,836	19,153
New Mexico	1,976	1,883	1,671	1,553	1,602	1,668	10,352
North Dakota	2,327	2,434	2,727	2,229	2,059	2,303	14,080
Oklahoma	218	243	264	170	166	160	1,221
Texas	4,132	4,293	4,822	4,493	4,261	4,431	26,434
Utah	1,613	1,649	1,716	1,441	1,316	1,470	9,204
Washington	429	446	487	466	452	472	2,752
Wyoming	10,609	12,549	14,100	13,279	12,135	13,598	76,269
Bituminous ¹ and Lignite Total	75,325	76,757	83,943	75,324	73,981	76,443	461,772
Pennsylvania Anthracite	215	268	279	265	296	282	1,605
S. Total.....	75,540	77,025	84,222	75,589	74,277	76,725	463,377

¹ Also includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

Table 5. Coal Production by State: July - December, 1988
(Thousand Short Tons)

Region and State	July	August	September	October	November	December	July - December	January - December
Bituminous Coal¹ and Lignite								
East of the Mississippi	39,795	53,858	50,998	49,807	50,060	47,776	292,294	576,705
Alabama	1,757	2,311	2,234	2,231	2,238	2,271	13,044	25,896
Illinois	4,363	5,463	5,017	5,090	5,140	5,095	30,168	59,081
Indiana	2,523	3,068	2,928	2,860	2,722	2,420	16,521	31,563
Kentucky	11,563	14,925	14,165	12,949	13,377	13,027	80,005	158,250
Kentucky, Eastern	8,744	11,286	10,711	9,447	9,916	9,693	59,796	117,656
Kentucky, Western	2,819	3,639	3,454	3,502	3,461	3,334	20,209	40,594
Maryland	191	248	238	200	296	305	1,478	3,219
Ohio	2,127	2,916	2,675	2,982	2,799	2,583	16,082	32,290
Pennsylvania Bituminous	4,444	6,428	6,152	6,119	6,006	5,213	34,363	69,874
Tennessee	453	595	562	524	532	524	3,189	6,180
Virginia	3,346	4,382	4,147	3,889	4,082	4,040	23,886	47,417
West Virginia	9,028	13,524	12,879	12,964	12,867	12,298	73,559	142,936
West of the Mississippi	29,381	34,317	32,198	30,992	32,866	32,484	192,237	369,598
Alaska	99	124	116	152	155	150	795	1,551
Arizona	945	1,188	1,133	1,182	1,210	1,168	6,826	12,398
Arkansas	58	74	77	5	5	5	223	290
Colorado	1,158	1,435	1,255	1,338	1,588	1,662	8,436	15,845
Iowa	19	25	24	30	31	30	158	338
Kansas	40	50	44	36	37	36	244	747
Louisiana	218	228	246	247	243	204	1,384	2,889
Missouri	293	374	339	353	362	349	2,069	3,973
Montana	2,955	3,302	3,249	3,409	3,441	3,365	19,720	38,873
New Mexico	1,427	2,256	2,067	1,945	1,784	1,887	11,367	21,719
North Dakota	2,088	2,684	2,634	2,646	2,842	2,810	15,704	29,783
Oklahoma	149	166	148	165	186	179	993	2,214
Texas	4,014	5,151	4,769	3,949	4,038	3,899	25,820	52,254
Utah	1,384	1,694	1,519	1,388	1,441	1,453	8,878	18,082
Washington	342	430	421	398	407	393	2,391	5,144
Wyoming	14,194	15,137	14,156	13,749	15,097	14,896	87,229	163,497
Bituminous ¹ and Lignite Total	69,176	88,175	83,196	80,799	82,925	80,260	484,531	946,304
Pennsylvania Anthracite	246	360	315	377	302	253	1,853	3,458
U.S. Total	69,422	88,535	83,511	81,176	83,227	80,513	486,384	949,761

¹ Also includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

Table 6. Coal Exports and Imports¹: 1980-1989
(Thousand Short Tons and Dollars per Short Ton)

Year and Month	Exports						Imports	
	Metallurgical		Steam ²		Total		Quantity	Average Price ³
	Quantity	Average Price ³	Quantity	Average Price ³	Quantity	Average Price ³		
1980	63,103	\$54.54	28,639	\$41.39	91,742	\$50.44	1,194	\$25.53
1981	65,234	57.40	47,307	45.92	112,541	52.57	1,043	28.47
1982	64,585	61.07	41,692	49.11	106,277	56.37	742	30.40
1983	49,964	55.49	27,807	46.18	77,772	52.16	1,271	33.59
1984	56,975	52.41	24,508	46.77	81,483	50.72	1,286	35.37
1985	60,313	50.46	32,367	43.92	92,680	48.18	1,952	36.04
1986	54,977	47.81	30,541	42.60	85,518	45.95	2,212	36.02
1987								
January	4,118	46.54	1,353	41.42	5,471	45.27	134	42.40
February	3,189	46.13	1,454	41.61	4,643	44.71	85	30.57
March	4,875	45.53	1,587	41.03	6,462	44.43	111	29.59
April	4,434	45.82	1,795	40.41	6,229	44.26	229	30.76
May	4,644	45.29	1,912	41.28	6,557	44.12	135	31.12
June	4,323	43.82	3,005	38.12	7,328	41.48	118	34.14
July	3,815	43.36	2,796	39.50	6,611	41.73	120	31.80
August	4,848	44.26	2,909	39.49	7,758	42.47	191	31.41
September	3,951	43.66	2,714	38.97	6,665	41.75	164	32.64
October	4,290	43.36	2,343	39.61	6,633	42.03	86	30.27
November	4,290	43.51	2,920	38.29	7,210	41.39	263	31.03
December	4,902	42.92	3,140	39.02	8,042	41.40	109	28.80
Total	51,679	44.49	27,928	39.60	79,607	42.77	1,747	32.04
1988								
January	3,449	43.00	984	37.58	4,434	41.80	159	28.57
February	3,458	42.81	1,024	41.16	4,482	42.43	162	27.41
March	5,119	42.95	2,026	39.44	7,145	41.96	221	30.34
April	5,901	43.67	3,042	40.04	8,943	42.44	107	27.24
May	4,953	44.98	2,952	39.35	7,905	42.88	224	43.49
June	4,980	44.82	3,073	38.92	8,053	42.57	257	27.96
July	5,445	44.73	2,858	37.22	8,303	42.15	203	25.34
August	5,389	44.94	3,933	37.42	9,322	41.77	205	27.13
September	6,518	44.34	3,547	36.74	10,066	41.66	29	34.35
October	5,621	44.06	3,389	39.08	9,010	42.19	229	25.55
November	5,563	44.70	2,775	38.47	8,338	42.63	207	31.80
December	5,555	44.17	3,469	39.39	9,023	42.33	131	32.63
Total	61,950	44.17	33,073	38.59	95,023	42.23	2,134	29.96
1989								
January	4,488	43.92	1,818	36.29	6,306	41.72	66	36.14

¹ Includes Puerto Rico.

² Includes bituminous, subbituminous, lignite, and anthracite.

³ Average price of all coal exports.

(*) Rounded to zero

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 7. Coal Exports: January 1989
(Short Tons)

Continent and Country of Destination	January 1989	December 1988	January 1988	Year to date		
				1989	1988	Percent Change
North America Total	94,708	2,455,959	66,504	94,708	66,504	42.4
Canada	85,805	2,442,984	32,195	85,805	32,195	166.5
Dominican Republic	-	-	19,676	-	19,676	-
Mexico	8,840	12,975	7,976	8,840	7,976	10.8
Other ¹	63	-	6,657	63	6,657	-99.1
South America Total	700,223	640,346	437,583	700,223	437,583	60.0
Argentina	61,485	61,887	-	61,485	-	-
Brazil	614,333	576,989	437,583	614,333	437,583	40.4
Chile	24,405	-	-	24,405	-	-
Other ¹	-	1,470	-	-	-	-
Europe Total	3,820,274	4,229,197	2,370,902	3,820,274	2,370,902	61.1
Albania	23,699	27,888	26,138	23,699	26,138	-9.3
Belgium & Luxembourg	487,374	491,673	271,469	487,374	271,469	79.5
Denmark	214,497	131,445	34,222	214,497	34,222	(²)
France	901,749	255,780	352,641	901,749	352,641	155.7
Ireland	158,972	94,592	17,369	158,972	17,369	(²)
Italy	713,578	1,209,373	797,090	713,578	797,090	-10.5
Netherlands	394,006	631,964	364,900	394,006	364,900	8.0
Norway	2,380	22,820	3,411	2,380	3,411	-30.2
Portugal	81,085	-	-	81,085	-	-
Romania	33,357	405,293	-	33,357	-	-
Spain	209,365	331,289	247,277	209,365	247,277	-15.3
Sweden	74,824	-	-	74,824	-	-
Turkey	103,888	180,531	67	103,888	67	(²)
United Kingdom	270,817	239,749	206,433	270,817	206,433	31.2
West Germany	67,575	-	10,965	67,575	10,965	(²)
Yugoslavia	83,108	198,696	38,920	83,108	38,920	113.5
Other ¹	-	8,104	-	-	-	-
Asia Total	1,511,918	1,658,412	1,464,839	1,511,918	1,464,839	3.2
China (Taiwan)	346,221	441,909	131,645	346,221	131,645	163.0
Japan	989,342	794,558	1,118,269	989,342	1,118,269	-11.5
Korea, Republic of	174,328	420,705	214,925	174,328	214,925	-18.9
Other ¹	2,027	1,240	-	2,027	-	-
Oceania & Australia Total	-	176	425	-	425	-
Africa Total	178,605	39,188	93,527	178,605	93,527	91.0
Algeria	63,317	-	93,527	63,317	93,527	-32.3
Egypt	51,194	-	-	51,194	-	-
Other ¹	64,094	39,188	-	64,094	-	-
Total	6,305,728	9,023,278	4,433,780	6,305,728	4,433,780	42.2

¹ Includes countries with exports less than or equal to 50,000 short tons in the previous year.

² Changes of 500 percent or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 8. Average Price¹ of Coal Exports: January 1989
(Dollars per Short Ton)

Continent and Country of Destination	January 1989	December 1988	January 1988	Year to date		
				1989	1988	Percent Change
North America Total	\$41.10	\$40.33	\$38.81	\$41.10	\$38.81	5.9
Canada	40.84	40.34	38.40	40.84	38.40	6.4
Dominican Republic	-	-	42.31	-	42.31	-
Mexico	44.47	39.13	38.93	44.47	38.93	14.2
Other ²	40.19	-	30.21	40.19	30.21	33.0
South America Total	44.10	44.14	43.25	44.10	43.25	2.0
Argentina	45.16	42.56	-	45.16	-	-
Brazil	44.50	44.31	43.25	44.50	43.25	2.9
Chile	31.51	-	-	31.51	-	-
Other ²	-	39.87	-	-	-	-
Europe Total	40.76	42.92	41.72	40.76	41.72	-2.3
Albania	39.99	39.36	36.66	39.99	36.66	9.1
Belgium & Luxembourg	42.61	43.62	42.11	42.61	42.11	1.2
Denmark	35.39	29.70	36.29	35.39	36.29	-2.5
France	38.46	41.65	42.79	38.46	42.79	-10.1
Ireland	40.46	39.42	-	40.46	-	-
Italy	43.08	44.22	40.66	43.08	40.66	5.9
Netherlands	40.29	40.92	40.32	40.29	40.32	-.1
Portugal	35.13	-	-	35.13	-	-
Romania	38.69	46.96	-	38.69	-	-
Spain	45.48	45.88	44.19	45.48	44.19	2.9
Sweden	35.38	-	-	35.38	-	-
Turkey	42.18	42.18	-	42.18	-	-
United Kingdom	44.91	45.55	44.23	44.91	44.23	1.5
West Germany	30.48	-	-	30.48	-	-
Yugoslavia	44.09	42.20	43.53	44.09	43.53	1.3
Asia Total	43.06	41.46	41.40	43.06	41.40	4.0
China (Taiwan)	39.21	41.08	39.53	39.21	39.53	-.8
Japan	43.98	40.92	41.62	43.98	41.62	5.7
Korea, Republic of	45.56	42.88	41.39	45.56	41.39	10.1
Other ²	38.51	36.55	-	38.51	-	-
Oceania & Australia Total	-	40.09	35.00	-	35.00	-
Africa Total	40.57	33.34	43.38	40.57	43.38	-6.5
Algeria	46.97	-	43.38	46.97	43.38	8.3
Egypt	44.13	-	-	44.13	-	-
Other ²	31.39	33.34	-	31.39	-	-
Total	41.68	41.97	41.76	41.68	41.76	-.2
U.S. Total³	41.72	42.33	41.80	41.72	41.80	-.2

¹ Based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$47 inclusively.

² Includes countries with exports less than or equal to 50,000 short tons in the previous year.

³ Average price of all coal exports.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 9. Steam¹ Coal Exports: January 1989
(Short Tons)

Continent and Country of Destination	January 1989	December 1988	January 1988	Year to date		
				1989	1988	Percent Change
North America Total	71,517	1,795,818	46,695	71,517	46,695	53.2
Canada	62,614	1,785,800	32,062	62,614	32,062	95.3
Mexico	8,840	10,018	7,976	8,840	7,976	10.8
Other ²	63	-	6,657	63	6,657	-99.1
South America Total	24,484	1,730	-	24,484	-	-
Argentina	79	260	-	79	-	-
Chile	24,405	-	-	24,405	-	-
Other ²	-	1,470	-	-	-	-
Europe Total	1,422,174	991,345	541,574	1,422,174	541,574	162.6
Belgium & Luxembourg	72,295	-	-	72,295	-	-
Denmark	214,497	131,445	34,222	214,497	34,222	(³)
France	400,413	-	23,683	400,413	23,683	(³)
Ireland	73,971	94,592	17,369	73,971	17,369	325.9
Italy	228,397	395,585	370,062	228,397	370,062	-38.3
Netherlands	153,882	312,234	95,507	153,882	95,507	61.1
Norway	-	13,299	-	-	-	-
Portugal	81,085	-	-	81,085	-	-
Spain	129	499	-	129	-	-
Sweden	74,824	-	-	74,824	-	-
Turkey	-	5,484	-	-	-	-
United Kingdom	55,106	18,128	-	55,106	-	-
West Germany	67,575	-	-	67,575	-	-
Yugoslavia	-	11,975	731	-	731	-
Other ²	-	8,104	-	-	-	-
Asia Total	235,630	640,277	395,605	235,630	395,605	-40.4
China (Taiwan)	233,219	441,909	131,645	233,219	131,645	77.2
Japan	384	85,702	230,811	384	230,811	-99.8
Korea, Republic of	-	111,426	33,149	-	33,149	-
Other ²	2,027	1,240	-	2,027	-	-
Oceania & Australia Total	-	176	425	-	425	-
Africa Total	64,094	39,188	-	64,094	-	-
Other ²	64,094	39,188	-	64,094	-	-
Total	1,817,899	3,468,534	984,299	1,817,899	984,299	84.7

¹ Includes bituminous, subbituminous, lignite, and anthracite.

² Includes countries with exports less than or equal to 50,000 short tons in the previous year.

³ Changes of 500 percent or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 10. Average Price¹ of Steam² Coal Exports: January 1989
(Dollars per Short Ton)

Continent and Country of Destination	January 1989	December 1988	January 1988	Year to date		
				1989	1988	Percent Change
North America Total	\$40.74	\$39.30	\$37.06	\$40.74	\$37.06	9.9
Canada	40.35	39.30	38.40	40.35	38.40	5.1
Mexico	44.47	39.13	38.93	44.47	38.93	14.2
Other ³	40.19	-	30.21	40.19	30.21	33.0
South America Total	31.51	39.97	-	31.51	-	-
Argentina	-	40.00	-	-	-	-
Chile	31.51	-	-	31.51	-	-
Other ³	-	39.87	-	-	-	-
Europe Total	36.21	38.03	37.39	36.21	37.39	-3.2
Belgium & Luxembourg	29.03	-	-	29.03	-	-
Denmark	35.39	29.70	36.29	35.39	36.29	-2.5
France	35.35	-	34.88	35.35	34.88	1.4
Ireland	41.65	39.42	-	41.65	-	-
Italy	41.86	40.45	37.94	41.86	37.94	10.3
Netherlands	31.89	38.17	36.26	31.89	36.26	-12.0
Portugal	35.13	-	-	35.13	-	-
Spain	39.85	39.91	-	39.85	-	-
Sweden	35.38	-	-	35.38	-	-
Turkey	-	39.75	-	-	-	-
United Kingdom	46.04	-	-	46.04	-	-
West Germany	30.48	-	-	30.48	-	-
Yugoslavia	-	-	42.75	-	42.75	-
Asia Total	36.59	39.32	37.70	36.59	37.70	-2.9
China (Taiwan)	36.57	41.08	39.53	36.57	39.53	-7.5
Japan	40.00	34.58	37.46	40.00	37.46	6.8
Korea, Republic of	-	35.97	32.11	-	32.11	-
Other ³	38.51	36.55	-	38.51	-	-
Oceania & Australia Total	-	40.09	35.00	-	35.00	-
Africa Total	31.39	33.34	-	31.39	-	-
Other ³	31.39	33.34	-	31.39	-	-
Total	36.19	38.88	37.51	36.19	37.51	-3.5
U.S. Total ⁴	36.29	39.39	37.58	36.29	37.58	-3.4

¹ Based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$47 inclusively.

² Includes bituminous, subbituminous, lignite, and anthracite.

³ Includes countries with exports less than or equal to 50,000 short tons in the previous year.

⁴ Average price of all steam coal exports.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 11. Metallurgical Coal Exports: January 1989
(Short Tons)

Continent and Country of Destination	January 1989	December 1988	January 1988	Year to date		
				1989	1988	Percent Change
North America Total	23,191	660,141	19,809	23,191	19,809	17.1
Canada	23,191	657,184	133	23,191	133	(¹)
Dominican Republic	-	-	19,676	-	19,676	-
Mexico	-	2,957	-	-	-	-
South America Total	675,739	638,616	437,583	675,739	437,583	54.4
Argentina	61,406	61,627	-	61,406	-	-
Brazil	614,333	576,989	437,583	614,333	437,583	40.4
Europe Total	2,398,100	3,237,852	1,829,328	2,398,100	1,829,328	31.1
Albania	23,699	27,888	26,138	23,699	26,138	-9.3
Belgium & Luxembourg	415,079	491,673	271,469	415,079	271,469	52.9
France	501,336	255,780	328,958	501,336	328,958	52.4
Ireland	85,001	-	-	85,001	-	-
Italy	485,181	813,788	427,028	485,181	427,028	13.6
Netherlands	240,124	319,730	269,393	240,124	269,393	-10.9
Norway	2,380	9,521	3,411	2,380	3,411	-30.2
Romania	33,357	405,293	-	33,357	-	-
Spain	209,236	330,790	247,277	209,236	247,277	-15.4
Turkey	103,888	175,047	67	103,888	67	(¹)
United Kingdom	215,711	221,621	206,433	215,711	206,433	4.5
West Germany	-	-	10,965	-	10,965	-
Yugoslavia	83,108	186,721	38,189	83,108	38,189	117.6
Asia Total	1,276,288	1,018,135	1,069,234	1,276,288	1,069,234	19.4
China (Taiwan)	113,002	-	-	113,002	-	-
Japan	988,958	708,856	887,458	988,958	887,458	11.4
Korea, Republic of	174,328	309,279	181,776	174,328	181,776	-4.1
Africa Total	114,511	-	93,527	114,511	93,527	22.4
Algeria	63,317	-	93,527	63,317	93,527	-32.3
Egypt	51,194	-	-	51,194	-	-
Total	4,487,829	5,554,744	3,449,481	4,487,829	3,449,481	30.1

¹ Changes of 500 percent or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 12. Average Price¹ of Metallurgical Coal Exports: January 1989
(Dollars per Short Ton)

Continent and Country of Destination	January 1989	December 1988	January 1988	Year to date		
				1989	1988	Percent Change
North America Total	\$42.19	\$42.99	\$42.31	\$42.19	\$42.31	-0.3
Canada	42.19	42.99	-	42.19	-	-
Dominican Republic	-	-	42.31	-	42.31	-
South America Total	44.56	44.14	43.25	44.56	43.25	3.0
Argentina	45.16	42.57	-	45.16	-	-
Brazil	44.50	44.31	43.25	44.50	43.25	2.9
Europe Total	43.47	44.44	42.98	43.47	42.98	1.1
Albania	39.99	39.36	36.66	39.99	36.66	9.1
Belgium & Luxembourg	44.98	43.62	42.11	44.98	42.11	6.8
France	40.93	41.65	43.36	40.93	43.36	-5.6
Ireland	39.42	-	-	39.42	-	-
Italy	43.65	46.05	43.03	43.65	43.03	1.5
Netherlands	45.67	43.60	41.76	45.67	41.76	9.4
Romania	38.69	46.96	-	38.69	-	-
Spain	45.49	45.89	44.19	45.49	44.19	2.9
Turkey	42.18	42.18	-	42.18	-	-
United Kingdom	44.62	45.55	44.23	44.62	44.23	.9
Yugoslavia	44.09	42.20	43.54	44.09	43.54	1.3
Asia Total	44.26	42.80	42.77	44.26	42.77	3.5
China (Taiwan)	44.66	-	-	44.66	-	-
Japan	43.98	41.68	42.71	43.98	42.71	3.0
Korea, Republic of	45.56	45.37	43.08	45.56	43.08	5.7
Africa Total	45.70	-	43.38	45.70	43.38	5.4
Algeria	46.97	-	43.38	46.97	43.38	8.3
Egypt	44.13	-	-	44.13	-	-
Total	43.91	43.90	42.95	43.91	42.95	2.2
U.S. Total²	43.92	44.17	43.00	43.92	43.00	2.1

¹ Based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$47 inclusively.

² Average price of all metallurgical coal exports.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 13. Coal Exports by Custom District: January 1989
(Short Tons)

Customs District	January 1989	December 1988	January 1988	Year to date		
				1989	1988	Percent Change
Eastern Total	4,416,023	4,730,490	3,112,647	4,416,023	3,112,647	41.9
Baltimore, MD	641,491	396,251	255,761	641,491	255,761	150.8
Buffalo, NY	150	6,659	3,373	150	3,373	-95.6
New York City, NY	192	34,784	33,880	192	33,880	-99.4
Ogdensburg, NY	1,999	2,327	311	1,999	311	(¹)
Philadelphia, PA	499	195,204	6,644	499	6,644	-92.5
Norfolk, VA	3,771,692	4,095,265	2,812,678	3,771,692	2,812,678	34.1
Southern Total	1,670,449	1,557,517	1,231,318	1,670,449	1,231,318	35.7
Mobile, AL	823,834	618,325	515,637	823,834	515,637	59.8
Savannah, GA	725	-	-	725	-	-
Miami, FL	-	-	13	-	13	-
New Orleans, LA	832,464	630,836	701,861	832,464	701,861	18.6
Wilmington, NC	4,417	126,018	-	4,417	-	-
Charleston, SC	2,380	151,700	11,069	2,380	11,069	-78.5
Houston-Galveston, TX	406	20,699	67	406	67	(¹)
Laredo, TX	6,223	9,939	2,671	6,223	2,671	133.0
Western Total	138,013	331,647	61,899	138,013	61,899	123.0
Anchorage, AK	-	76,705	23,938	-	23,938	-
Los Angeles, CA	135,084	219,194	37,213	135,084	37,213	263.0
San Diego, CA	132	79	62	132	62	112.9
San Francisco, CA	-	32,890	-	-	-	-
Great Falls, MT	-	498	-	-	-	-
Portland, OR	-	176	-	-	-	-
Seattle, WA	2,797	2,105	686	2,797	686	307.7
Northern Total	81,243	2,403,624	27,916	81,243	27,916	191.0
Chicago, IL	-	13,981	-	-	-	-
Detroit, MI	617	2,244	2,598	617	2,598	-76.3
Duluth, MN	-	57,599	-	-	-	-
Pembina, ND	309	-	82	309	82	276.8
Cleveland, OH	80,317	2,329,800	25,236	80,317	25,236	218.3
Total	6,305,728	9,023,278	4,433,780	6,305,728	4,433,780	42.2

¹ Changes of 500 percent or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 14. Coke Exports: January 1989
(Short Tons)

Continent and Country of Destination	January 1989	December 1988	January 1988	Year to date		
				1989	1988	Percent Change
North America Total	42,882	57,636	18,053	42,882	18,053	137.5
Canada	25,238	47,981	13,167	25,238	13,167	91.7
Mexico	17,644	9,633	4,836	17,644	4,836	264.8
Other ¹	-	22	50	-	50	-
South America Total	-	23,515	22,842	-	22,842	-
Venezuela	-	23,515	22,842	-	22,842	-
Europe Total	14,072	49,643	-	14,072	-	-
Turkey	-	13,581	-	-	-	-
Other ¹	14,072	36,062	-	14,072	-	-
Asia Total	-	51,801	14,708	-	14,708	-
Japan	-	-	14,708	-	14,708	-
Philippines	-	51,801	-	-	-	-
Total	56,954	182,595	55,603	56,954	55,603	2.4

¹ Includes countries with exports less than or equal to 50,000 short tons in the previous year.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 15. Coal Imports¹: January 1989
(Short Tons)

Continent and Country of Origin	January 1989	December 1988	January 1988	Year to date		
				1989	1988	Percent Change
North America Total	42,346	35,187	73,740	42,346	73,740	-42.6
Canada	36,412	30,325	68,686	36,412	68,686	-47.0
Mexico	5,934	4,862	5,054	5,934	5,054	17.4
South America Total	23,612	63,923	85,437	23,612	85,437	-72.4
Colombia	23,612	63,923	85,437	23,612	85,437	-72.4
Oceania & Australia Total	-	31,913	-	-	-	-
Australia	-	31,913	-	-	-	-
Total	65,958	131,023	159,177	65,958	159,177	-58.6

¹ Includes Puerto Rico.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 16. Average Price¹ of Coal Imports²: January 1989
(Dollars per Short Ton)

Continent and Country of Origin	January 1989	December 1988	January 1988	Year to date		
				1989	1988	Percent Change
North America Total	\$21.92	\$27.15	\$26.43	\$21.92	\$26.43	-17.0
Canada	20.87	27.51	26.64	20.87	26.64	-21.7
Mexico	25.50	25.26	23.88	25.50	23.88	6.8
South America Total	31.75	34.26	27.42	31.75	27.42	15.8
Colombia	31.75	34.26	27.42	31.75	27.42	15.8
Oceania & Australia Total	-	30.84	-	-	-	-
Australia	-	30.84	-	-	-	-
Total	26.59	31.66	26.98	26.59	26.98	-1.5
U.S. Total ³	36.14	32.63	28.57	36.14	28.57	26.5

¹ Based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal imports and fall within the range of \$20 to \$38 inclusively.

² Includes Puerto Rico.

³ Average price of all coal imports.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 17. Coal Imports by Customs District: January 1989
(Short Tons)

Customs District	January 1989	December 1988	January 1988	Year to date		
				1989	1988	Percent Change
Eastern Total	-	21	19,665	-	19,665	-
Portland, ME	-	-	19,665	-	19,665	-
Buffalo, NY	-	21	-	-	-	-
Southern Total	29,546	68,785	90,491	29,546	90,491	-67.3
Tampa, FL	-	36,365	51,729	-	51,729	-
San Juan, PR	23,612	27,558	33,708	23,612	33,708	-30.0
Laredo, TX	5,934	4,862	5,054	5,934	5,054	17.4
Western Total	12,414	34,515	5,224	12,414	5,224	137.6
Honolulu, HI	-	31,913	-	-	-	-
Great Falls, MT	12,414	2,602	5,079	12,414	5,079	144.4
Seattle, WA	-	-	145	-	145	-
Northern Total	23,998	27,702	43,797	23,998	43,797	-45.2
Chicago, IL	-	26,112	32,601	-	32,601	-
Pembina, ND	23,998	1,590	11,196	23,998	11,196	114.3
Total	65,958	131,023	159,177	65,958	159,177	-58.6

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 18. Coke Imports: January 1989
(Short Tons)

Continent and Country of Origin	January 1989	December 1988	January 1988	Year to date		
				1989	1988	Percent Change
North America Total	84,578	114,150	15,319	84,578	15,319	452.1
Canada	84,144	114,150	15,319	84,144	15,319	449.3
Mexico	434	-	-	434	-	-
Europe Total	78,283	43,378	-	78,283	-	-
Belgium & Luxembourg	59,702	-	-	59,702	-	-
France	18,581	18,027	-	18,581	-	-
West Germany	-	25,351	-	-	-	-
Asia Total	64,731	148,099	85,320	64,731	85,320	-24.1
China (Peking)	23,261	22,087	-	23,261	-	-
Japan	41,470	126,012	85,320	41,470	85,320	-51.4
Oceania & Australia Total	124,264	-	85,350	124,264	85,350	45.6
Australia	124,264	-	85,350	124,264	85,350	45.6
Total	351,856	305,627	185,989	351,856	185,989	89.2

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

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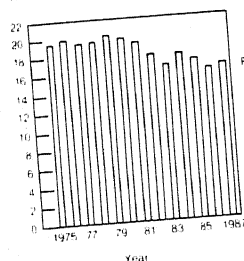
U.S. Natural Gas Consumption (Trillion Cubic Feet)

Year	Residential	Commercial	Industrial	Electric Utilities	Transportation	Total
1975	4.32	2.51	8.36	3.16	0.58	19.54
1976	5.05	2.67	8.60	3.08	55	19.95
1977	4.82	2.50	8.47	3.19	53	19.52
1978	4.90	2.60	8.40	3.19	60	20.24
1979	4.97	2.79	8.40	3.49		
1980	4.75	2.61	8.20	3.65	63	19.88
1981	4.55	2.52	8.06	3.64	64	19.40
1982	4.63	2.61	8.94	3.23	60	18.00
1983	4.38	2.43	6.62	2.91	49	16.83
1984	4.56	2.43	7.23	3.11	50	17.28
1985	4.43	2.43	6.87	3.04	49	16.22
1986	4.31	2.32	6.50	2.84	50	16.88
1987P	4.37	2.29	6.68			

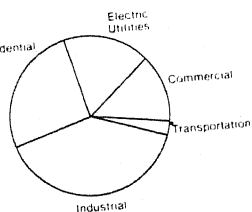
P = Preliminary data.
Note: Total may not equal sum of components due to independent rounding.
Source: Energy Information Administration, Annual Energy Review 1987

Total Consumption

Trillion Cubic Feet

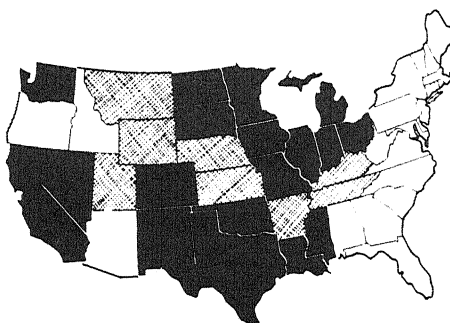


1987 Consumption



24

Average Price of Natural Gas to Residential Consumers in 1986 (Dollars per Thousand Cubic Feet)



U.S. Average \$5.83
 \$3.89 to \$4.94
 \$5.00 to \$5.99
 \$6.00 to \$6.99
 \$7.00 to \$7.99
 \$8.00 to \$8.83

Source: Energy Information Administration, Natural Gas Annual 1986

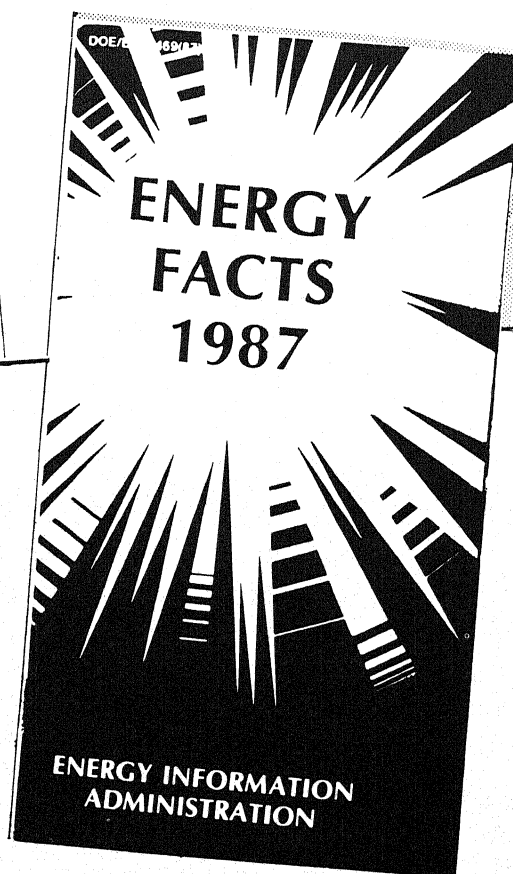
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A stylized line drawing of computer hardware. In the background is a CRT monitor. In the foreground, a keyboard is partially visible. To the right of the keyboard is a 3.5-inch floppy disk. Behind the keyboard and disk are several sheets of paper, some of which appear to be forms or documents.

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